



THE STATE
of **ALASKA**
GOVERNOR MIKE DUNLEAVY

Department of Natural Resources

DIVISION OF OIL AND GAS

550 W. 7th Avenue Suite 1100
Anchorage, Alaska 99501-3560
Main: 907.269.8800
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June 8, 2022

Pat Galvin
Chief Commercial Officer
Great Bear Pantheon LLC
3705 Arctic Blvd, Suite 2324
Anchorage, AK 99503

RE: LONS 22-002, Great Bear Pantheon, LLC, Alkaid Unit, Alkaid 2 and 3, Pads Expansion Unit Plan of Operations Amendment Decision.

Dear Mr. Galvin

The Alaska Department of Natural Resources, Division of Oil and Gas (Division), in accordance with Alaska Statute 38.05 and Alaska Oil and Gas Leasing Regulations (11 AAC 83) grants authorization to conduct activities on state lands as proposed in the Alkaid Unit (AKU) Plan of Operations (Plan) amendment application dated June 2, 2022 for the above referenced project.

Scope:

Great Bear Pantheon, LLC (Great Bear) is seeking authorization to expand Alkaid 2 and 3 pads. In the previously approved LONS 22-002 Unit Plan of Operations, the drill pads were proposed to be 260 feet in length and 500 feet in width. Due to simultaneous operations during completion and flowback testing activities and to safely accommodate the equipment and fire code setback requirements, Great Bear is proposing to expand the pads by 50 feet along the eastern edge of each pad, which will also reduce the length of the egress driveway.

As a result of previously approved amendment re-locating the ingress driveway for Alkaid 2 pad as well as the shortening of the egress driveways, the net result of the two amendments is still a reduction in the footprint of the originally approved Unit Plan of Operations of approximately 26,000 square feet.

Plan activities include:

- Expanding the pads from 260 feet by 500 feet to 310 feet to 500 feet.

Location information:

AKU

Alkaid 2

Meridian: Umiat Township: 007N Range: 014E Section: 05

Lat/Long: 69 59'9.76"N, 148 42'13.46"W

ADL: 391706

Alkaid 3

Meridian: Umiat Township: 007N Range: 013E Section: 25
Lat/Long: 69 55'32.10"N, 148 46'45.19"W
ADL: 391704

Alkaid 2 and 3 is located approximately 16 and 20 miles southwest of the Deadhorse Airport, respectively.

Agency review:

The Division provided an expedited agency review and comment opportunity for proposed amendment application. The following government entities were notified June 4, 2022, for comment on the application: Alaska Department of Fish and Game (ADF&G), Division of Mining Land and Water (DMLW), DNR Office of History and Archaeology (OHA), Alaska Department of Environmental Conservation (ADEC), State Pipeline Coordinator's Office (SPCO), US Fish and Wildlife Service (USFWS), US Army Corps of Engineers (USACE), and North Slope Borough (NSB) for comments. The comment deadline was 4:30 pm Alaska time on June 7, 2022. A timely comments were submitted by ADEC and SPCO and subsequently resolved.

Conditions/Stipulations:

A certified As-Built Survey of the activity shall be provided within one year of placement of the improvement. This As-Built must contain a hard copy, as well as a digital GIS file containing a shapefile or ESRI Feature Class.

Please attach this amendment approval with the original decision. This unit operations amendment approval is issued in accordance with Alaska Statute 38.05, Alaska Administrative Codes 11 AAC 83.346 and 11 AAC 83.303. The Division reviewed this amendment under the unit regulation for the Plan, 11 AAC 83.346, and considers the factors set forth in 11 AAC 83.303(a) and (b). The amendment was also evaluated against the AKU agreement for conformance.

This approval signifies only that the State of Alaska has no objection to the operations outlined in the Plan amendment application. It does not constitute certification of any property right or land status claimed by the applicant nor does it relieve the applicant of responsibility to obtain approvals or permits from other persons or governmental agencies that may also be required. All stipulations contained in the original lease and subsequent Plan approvals remain in full force and effect.

If activities have not commenced, this approval expires on June 8, 2025. Failure to comply with the terms and conditions outlined in the lease, the attached stipulations, and this authorization may result in revocation of this unit operations approval.

Any questions or concerns about this amendment may be directed to Natural Resource Specialist James Hyun at (907) 269-8885 or emailed to james.hyun@alaska.gov.

Sincerely,
DocuSigned by:
James Hyun
14F4A7C585ED404...

James Hyun
Natural Resource Specialist

A person affected by this decision may appeal it, in accordance with 11 AAC 02. Any appeal must be received within 20 calendar days after the date of “issuance” of this decision, as defined in 11 AAC 02.040(c) and (d) and may be mailed or delivered to the Commissioner, Department of Natural Resources, 550 W. 7th Avenue, Suite 1400, Anchorage, Alaska 99501; faxed to 1-907-269-8918, or sent by electronic mail to dnr.appeals@alaska.gov. Under 11 AAC 02.030, appeals and requests for reconsideration filed under 11 AAC 02 must be accompanied by the fee established in 11 AAC 05.160(d)(1)(F), which has been set at \$200 under the provisions of 11 AAC 05.160 (a) and (b). This decision takes effect immediately. If no appeal is filed by the appeal deadline, this decision becomes a final administrative order and decision of the department on the 31st calendar day after issuance. An eligible person must first appeal this decision in accordance with 11 AAC 02 before appealing this decision to Superior Court. A copy of 11 AAC 02 may be obtained from any regional information office of the Department of Natural Resources.

Attachments: Figures 1-2
2018 North Slope Mitigation Measures

ecc: DOG: Graham Smith, James Hyun, Ashley Ethridge, Alexander Zinck, Units and SPCO
Records
DMLW: DMLW North Slope, dnr.dmlw.sail@alaska.gov and Henry Brooks
ADF&G: Chelsea Clawson and Maria Wessel
ADEC: Laurie Silfven, cs.scoping@alaska.gov, dec.agencyreviews@alaska.gov
DNR OHA: oha.revcomp@alaska.gov
USFWS: regpagemaster@usace.army.mil
USACE: ak_fisheries@fws.gov
NSB: nsbplanningpermitting@north-slope.org

Alkaid #2 Pad Expansion



Figure 1

Alkaid #3 Pad Expansion

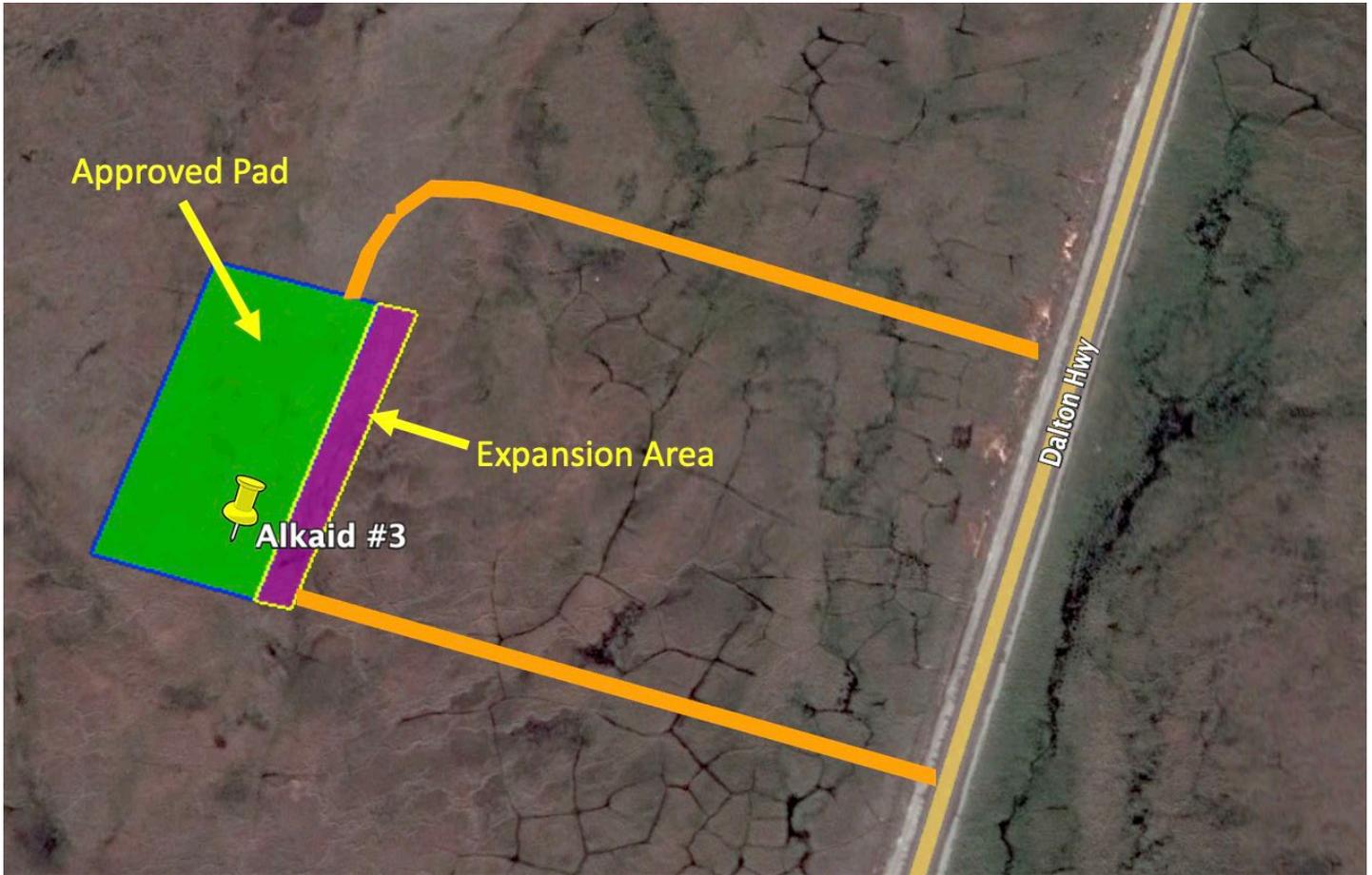


Figure 2